

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E60913

Employer : Clark County

Worksite : Public Service Center

Street : 1300 Franklin St

Jurisdiction : City of Vancouver

Survey Date : 11/9/2015

Survey Type : Online

Response Rate : 71%

Drive Alone & One-Way VMT Rates at this Worksite

Drive Alone : 85.9%
One-Way VMT per employee : 11.4

Employees and Survey Response Information

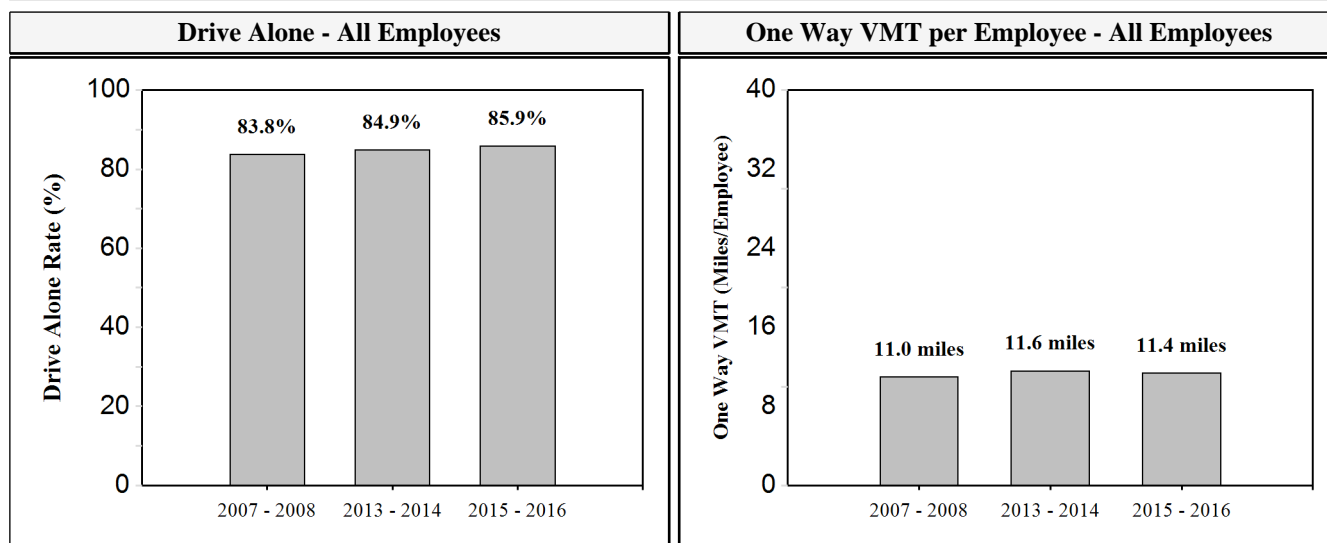
Reported Total Employees at Worksite: 1,082

Surveys Distributed : 1,081

Surveys Returned : 769

Surveys Returned by CTR Affected Employees : 692

Total Estimated CTR - Affected Employees at Worksite : 973



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	83.8%	84.3%	11.0	10.9
2009 - 2010	80.0%	79.0%	10.6	10.2
2011 - 2012	81.8%	81.0%	11.1	10.8
2013 - 2014	84.9%	84.1%	11.6	11.5
2015 - 2016	85.9%	85.3%	11.4	11.4
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	2.5%	1.2%	3.6%	4.6%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2013 - 2014	2015 - 2016
Drive Alone - All Employees*	83.8%	84.9%	85.9%
Drive Alone - CTR Affected Employees*	84.3%	84.1%	85.3%
VMT/Employee - All Employees	11.0	11.6	11.4
VMT/Employees - CTR Affected Employees	10.9	11.5	11.4

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	2,617	1,915	1,763
Estimated Emissions for Total Employment	2,844	2,680	2,480

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	180,652	100,623	91,879
Bus Annual Passenger Miles - Surveyed Employees	166,200	71,900	65,300
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	33,769
Ferry Annual Passenger Miles - Surveyed Employees	0	0	24,000
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	3,079	9,005
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	2,200	6,400

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

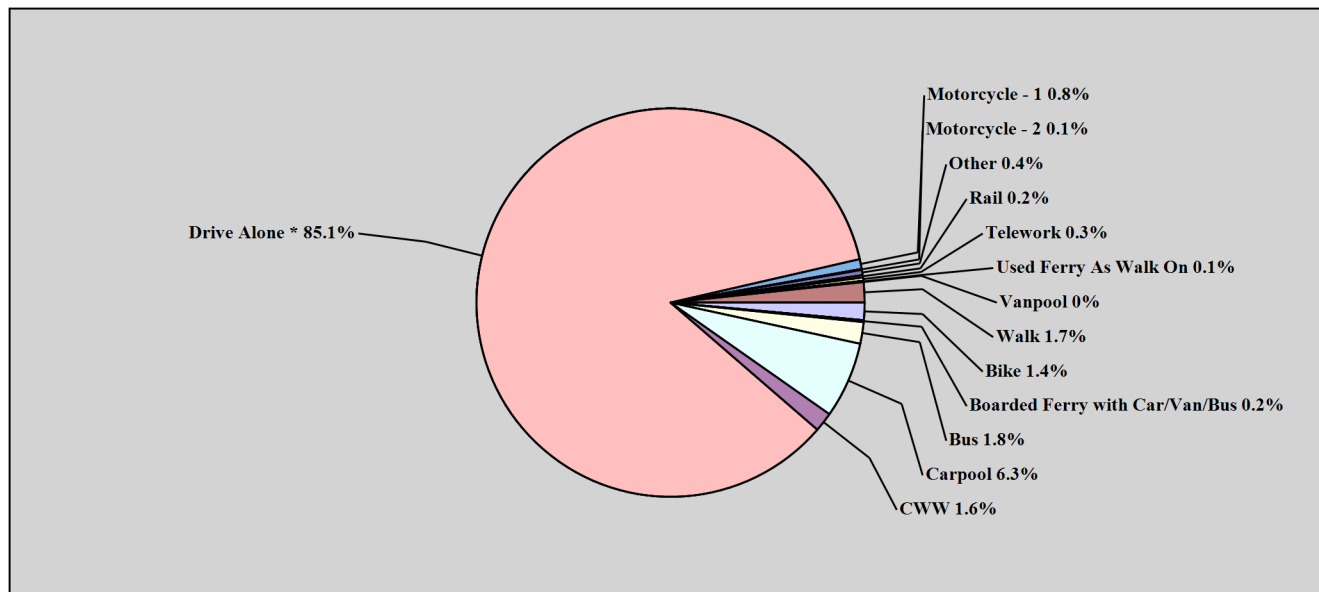
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 12.7 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



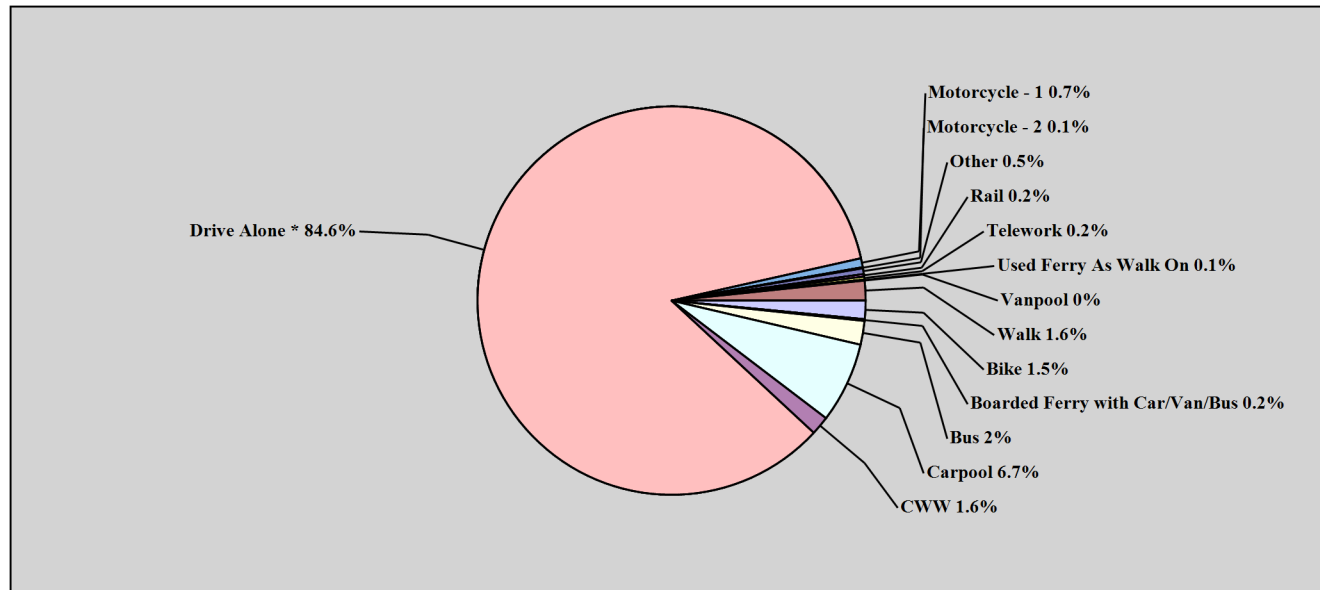
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,125	85.1%	84.3%	686	89.2%	87.4%
Carpool	233	6.3%	7.8%	62	8.1%	10.2%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Motorcycle - 1	30	0.8%	0.6%	8	1.0%	1.0%
Motorcycle - 2	3	0.1%	0.1%	1	0.1%	0.3%
Bus	66	1.8%	2.1%	18	2.3%	2.7%
Rail	7	0.2%	0.0%	2	0.3%	0.1%
Bike	53	1.4%	1.4%	15	2.0%	2.3%
Walk	62	1.7%	1.0%	18	2.3%	1.4%
Telework	10	0.3%	0.3%	10	1.3%	0.9%
CWW	59	1.6%	1.2%	50	6.5%	4.5%
Boarded Ferry with Car/Van/Bus	6	0.2%	0.0%	3	0.4%	0.0%
Used Ferry As Walk On	4	0.1%	0.0%	3	0.4%	0.0%
Other	16	0.4%	1.2%	6	0.8%	1.8%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,827	84.6%	83.6%	615	88.9%	87.1%
Carpool	224	6.7%	8.2%	59	8.5%	10.9%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Motorcycle - 1	25	0.7%	0.5%	7	1.0%	0.9%
Motorcycle - 2	3	0.1%	0.1%	1	0.1%	0.3%
Bus	66	2.0%	2.2%	18	2.6%	2.9%
Rail	7	0.2%	0.0%	2	0.3%	0.1%
Bike	51	1.5%	1.4%	14	2.0%	2.3%
Walk	55	1.6%	1.0%	16	2.3%	1.5%
Telework	8	0.2%	0.3%	8	1.2%	0.9%
CWW	52	1.6%	1.3%	47	6.8%	4.8%
Boarded Ferry with Car/Van/Bus	5	0.2%	0.0%	2	0.3%	0.0%
Used Ferry As Walk On	3	0.1%	0.0%	2	0.3%	0.0%
Other	16	0.5%	1.2%	6	0.9%	1.7%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	604	79%	769	100%
1 Days	48	6%	165	21%
2 Days	21	3%	117	15%
3 Days	16	2%	96	12%
4 Days	28	4%	80	10%
5 Days	48	6%	52	7%
6 or More Days	4	1%	4	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	415	76.6%	41	7.6%	10	1.8%	32	5.9%	1	0.2%	0	0%	14	2.6%	1	0.2%	61	11.3%
4 days a week (4/10s)	3	3%	77	77%	1	1%	4	4%	0	0%	0	0%	6	6%	1	1%	15	15%
3 days a week	0	0%	7	77.8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	36	48%	23	30.7%	2	2.7%	8	10.7%	0	0%	0	0%	3	4%	0	0%	13	17.3%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	1	3%	16	48.5%	0	0%	5	15.2%	0	0%	0	0%	0	0%	0	0%	7	21.2%

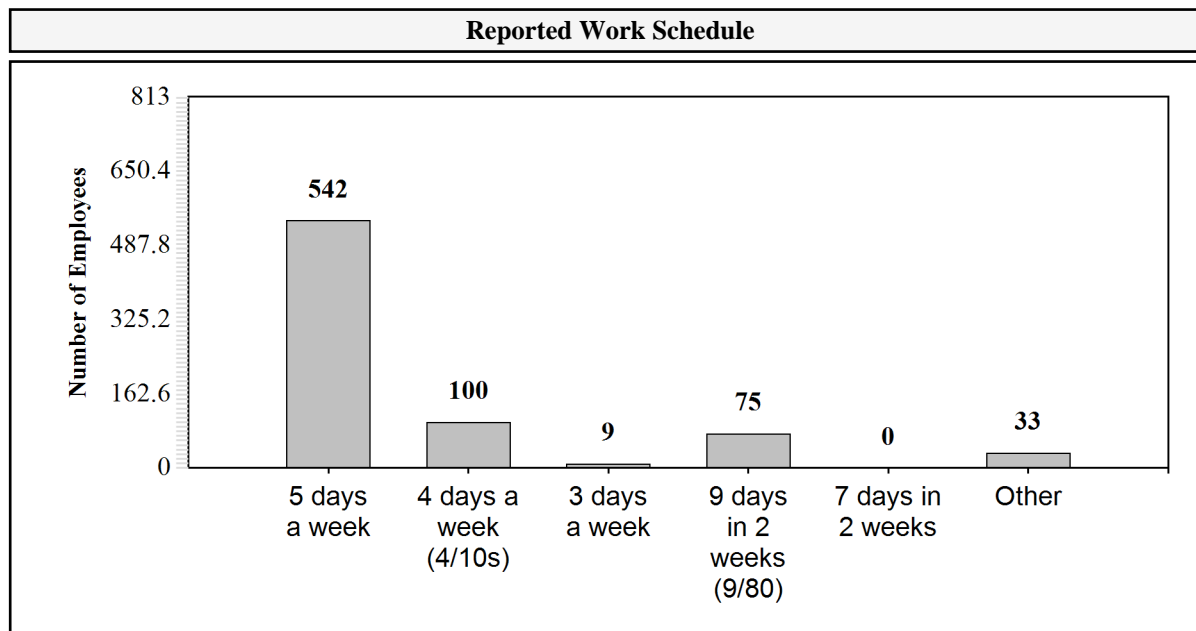
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	30
2	Motorcycle	3
2	Carpool	217
3	Carpool	12
4	Carpool	4
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

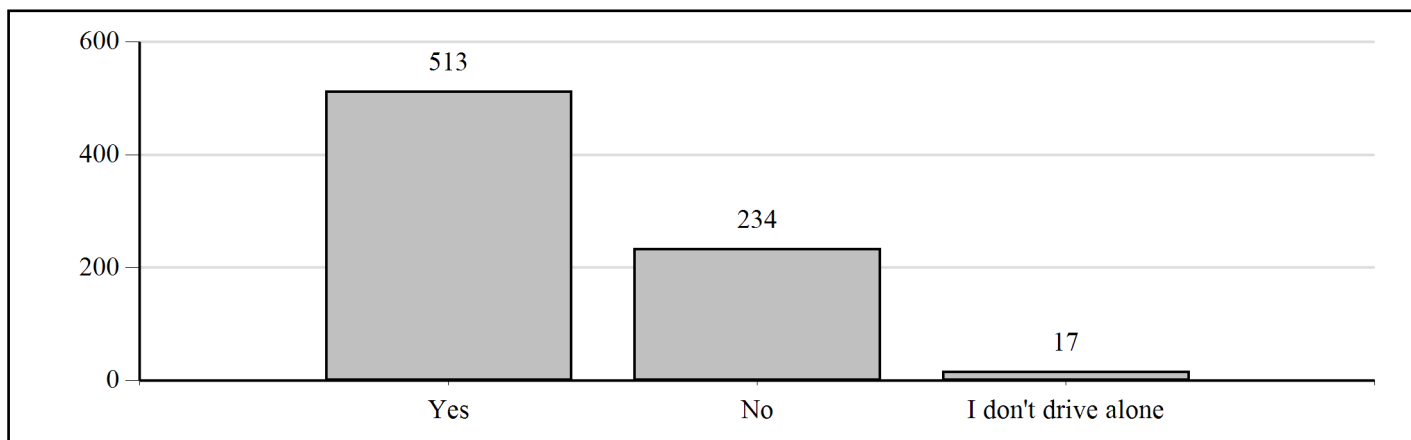
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	542	71.4%
4 days a week (4/10s)	100	13.2%
3 days a week	9	1.2%
9 days in 2 weeks (9/80)	75	9.9%
7 days in 2 weeks	0	0%
Other	33	4.3%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.3%
I don't telework	674	87.6%
Occasionally, on an as-needed basis	82	10.7%
1-2 days/month	5	0.7%
1 day/week	4	0.5%
2 days/week	2	0.3%
3 days/week	0	0.0%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Other	201	16.8%
To save money	172	14.4%
Personal health or well-being	141	11.8%
Environmental and community benefits	121	10.1%
Financial incentives for carpooling, bicycling or walking.	116	9.7%
Cost of parking or lack of parking	103	8.6%
Free or subsidized bus, train, vanpool pass or fare benefit	90	7.5%
Driving myself is not an option	71	5.9%
Emergency ride home is provided	66	5.5%
I have the option of teleworking	53	4.4%
Preferred/reserved carpool/vanpool parking is provided	27	2.3%
I receive a financial incentive for giving up my parking space	20	1.7%
To save time using the HOV lane	13	1.1%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	508	27.0%
Riding the bus or train is inconvenient or takes too long	482	25.7%
Family care or similar obligations	304	16.2%
Other	209	11.1%
My commute distance is too short	136	7.2%
Bicycling or walking isn't safe	115	6.1%
My job requires me to use my car for work	86	4.6%
I need more information on alternative modes	34	1.8%
There isn't any secure or covered bicycle parking	5	0.3%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	0	1	0	0	0	0	0	9
2	2	0	0	1	0	0	0	0	0	6
3	1	1	1	1	1	1	1	1	1	2
4	2	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	4
11 or more	1	0	0	0	0	0	0	0	0	2
# Of Employees using Transit	11	1	1	3	1	1	1	1	1	29
Total One-Way Transit Trips Per Week	63	3	3	6	3	3	3	3	3	155

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	0	1	0	0	0	0	0	8
2	2	0	0	1	0	0	0	0	0	6
3	1	1	1	1	1	1	1	1	1	2
4	2	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	4
11 or more	1	0	0	0	0	0	0	0	0	2
# Of Employees using Transit	11	1	1	3	1	1	1	1	1	28
Total One-Way Transit Trips Per Week	63	3	3	6	3	3	3	3	3	154

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	1	0.13%	0	0	0	0	0	0	0	0	0	0	0	0	0
89682	1	0.13%	0	5	0	0	0	0	0	0	0	0	0	0	0
97005	2	0.26%	10	0	0	0	0	0	0	0	0	0	0	0	0
97030	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
97035	4	0.52%	19	0	0	0	0	0	0	0	1	0	0	0	1
97056	3	0.39%	17	0	0	0	0	0	0	0	0	0	0	0	0
97060	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
97062	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
97068	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
97070	2	0.26%	7	0	0	0	0	0	0	0	0	0	0	0	0
97071	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
97080	1	0.13%	2	0	0	0	0	0	2	0	0	0	0	0	0
97086	2	0.26%	10	0	0	0	0	0	0	0	0	0	0	0	0
97116	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
97119	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
97124	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
97140	1	0.13%	4	0	0	0	0	0	0	0	0	1	0	0	0
97202	4	0.52%	13	1	0	0	3	0	0	0	0	0	0	0	0
97203	4	0.52%	15	0	0	0	0	0	5	0	0	0	0	0	0
97204	1	0.13%	0	0	0	0	0	0	0	2	0	0	4	1	0
97206	2	0.26%	7	0	0	0	0	0	0	0	0	1	0	0	0
97209	1	0.13%	4	0	0	0	0	0	0	0	0	0	0	0	0
97210	1	0.13%	4	0	0	0	0	0	1	0	0	0	0	0	0
97211	6	0.78%	19	0	0	0	2	2	7	0	1	0	0	0	0
97212	4	0.52%	13	1	0	0	0	0	5	0	0	0	0	0	1
97214	3	0.39%	8	0	0	0	2	0	0	0	0	0	0	0	5



97216	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
97217	7	0.91%	30	0	0	0	0	0	0	4	0	0	0	0	0
97218	2	0.26%	4	0	0	0	0	0	5	0	0	0	0	0	0
97219	1	0.13%	7	0	0	0	0	0	0	0	0	0	0	0	0
97220	2	0.26%	7	2	0	0	0	0	0	0	0	0	0	0	0
97222	4	0.52%	17	0	0	0	0	0	3	0	0	0	0	0	0
97223	4	0.52%	20	0	0	0	0	0	0	0	0	0	0	0	0
97225	5	0.65%	15	0	0	0	0	5	0	0	1	0	0	0	0
97229	2	0.26%	10	0	0	0	0	0	0	0	0	0	0	0	0
97231	1	0.13%	1	3	0	0	0	0	0	0	0	1	0	0	0
97233	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
97236	2	0.26%	9	0	0	0	0	0	0	0	0	0	0	0	0
97239	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
97267	1	0.13%	7	0	0	0	0	0	0	0	0	0	0	0	0
98601	3	0.39%	10	5	0	0	0	0	0	0	0	0	0	0	0
98603	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98604	59	7.67%	220	41	0	5	0	0	0	0	0	7	0	0	1
98606	10	1.30%	44	4	0	0	0	0	0	0	0	0	0	0	0
98607	36	4.68%	133	24	0	0	15	0	0	0	0	0	0	0	2
98611	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98622	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98625	3	0.39%	9	0	0	0	0	0	0	0	1	0	0	0	0
98626	3	0.39%	9	3	0	0	0	0	0	0	0	0	0	0	0
98629	23	2.99%	105	7	0	0	3	0	0	0	0	1	0	0	0
98632	7	0.91%	19	9	0	0	0	0	0	0	0	1	0	0	0
98639	1	0.13%	0	5	0	0	0	0	0	0	0	0	0	0	0
98642	35	4.55%	137	18	0	0	0	0	0	0	0	4	0	0	0
98645	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98648	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98660	32	4.16%	74	0	0	5	9	0	8	53	0	3	0	0	0
98661	46	5.98%	197	10	0	4	5	0	9	0	0	2	0	0	0
98662	33	4.29%	145	5	0	0	5	0	0	0	1	6	0	0	0
98663	26	3.38%	116	0	0	5	0	0	5	0	0	1	0	0	0
98664	32	4.16%	136	12	0	0	0	0	0	0	1	4	0	0	0
98665	52	6.76%	230	11	0	0	0	0	0	0	0	1	0	0	0
98666	2	0.26%	9	0	0	0	0	0	0	0	0	0	1	2	0
98671	27	3.51%	103	18	0	0	0	0	0	2	0	1	0	0	6



98674	8	1.04%	39	0	0	2	0	0	0	0	0	0	0	0	0
98675	4	0.52%	18	0	0	0	0	0	0	0	0	1	0	0	0
98682	64	8.32%	268	19	0	0	5	0	0	1	0	9	0	0	0
98683	42	5.46%	173	8	0	3	14	0	0	0	1	3	0	0	0
98684	31	4.03%	130	5	0	5	2	0	0	0	0	3	0	0	0
98685	65	8.45%	292	13	0	2	1	0	2	0	1	4	0	0	0
98686	34	4.42%	151	4	0	2	0	0	1	0	1	4	0	0	0
98687	1	0.13%	0	0	0	0	0	0	0	0	1	1	1	1	0